

ILE 'HOME' ENTERED AT 15:27:13 ON 01 OCT 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:27:25 ON 01 OCT 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 29 SEP 2003 HIGHEST RN 595542-94-2

DICTIONARY FILE UPDATES: 29 SEP 2003 HIGHEST RN 595542-94-2

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 2067

L1 SCREEN CREATED

=>

Uploading C:\Program Files\Stnexp\Queries\09963465-2.str

L2 STRUCTURE UPLOADED

=> que L2 AND L1

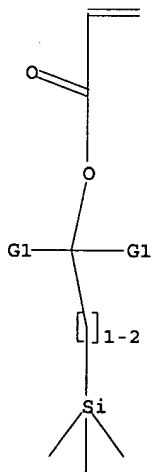
L3 QUE L2 AND L1

=> d

L3 HAS NO ANSWERS

L1 SCR 2067

L2 STR



G1 H, [01]

Structure attributes must be viewed using STN Express query preparation.

L3 QUE ABB=ON PLU=ON L2 AND L1

=> s 13 sss sam
SAMPLE SEARCH INITIATED 15:28:13 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 321 TO ITERATE

100.0% PROCESSED 321 ITERATIONS 8 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5346 TO 7494
PROJECTED ANSWERS: 8 TO 329

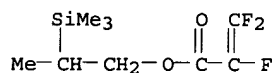
L4 8 SEA SSS SAM L2 AND L1

=> d

L4 ANSWER 1 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN
RN 355138-88-4 REGISTRY
CN 2-Propenoic acid, 2,3,3-trifluoro-, tetrahydro-2-oxo-3-furanyl ester,
polymer with 2-(trimethylsilyl)propyl 2,3,3-trifluoro-2-propenoate (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2-Propenoic acid, 2,3,3-trifluoro-, 2-(trimethylsilyl)propyl ester,
polymer with tetrahydro-2-oxo-3-furanyl 2,3,3-trifluoro-2-propenoate (9CI)
MF (C9 H15 F3 O2 Si . C7 H5 F3 O4)x
CI PMS
PCT Polyacrylic, Polyester, Polyester formed, Polyvinyl
SR CA
LC STN Files: CA, CAPLUS

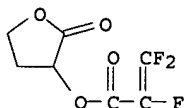
CM 1

CRN 355138-87-3
CMF C9 H15 F3 O2 Si



CM 2

CRN 355138-83-9
CMF C7 H5 F3 O4



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> FIL CAPLUS HCAPLUS USPATFUL
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
2.48	2.69

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 15:28:24 ON 01 OCT 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'HCAPLUS' ENTERED AT 15:28:24 ON 01 OCT 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 15:28:24 ON 01 OCT 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 14

L5 27 L4

=> duplicates remove l5
DUPLICATE PREFERENCE IS 'CAPLUS, HCAPLUS, USPATFULL'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L5
L6 17 DUPLICATE REMOVE L5 (10 DUPLICATES REMOVED)

=> d l6 1-17 ibib hitstr

L6 ANSWER 1 OF 17 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 1
ACCESSION NUMBER: 2001:603578 CAPLUS
DOCUMENT NUMBER: 135:187712
TITLE: Fluorinated acrylic polymer, chemically amplified
resist using it, and its patterning
INVENTOR(S): Hatakeyama, Jun; Watanabe, Atsushi; Harada, Yuji
PATENT ASSIGNEE(S): Shin-Etsu Chemical Industry Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 34 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

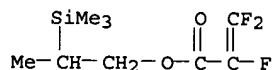
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001226432	A2	20010821	JP 2000-37403	20000216
PRIORITY APPLN. INFO.: IT 355138-88-4P			JP 2000-37403	20000216

RL: PNU (Preparation, unclassified); TEM (Technical or engineered material
use); PREP (Preparation); USES (Uses)
(fluorinated silyl-pendent acrylic polymer for chem. amplified
pos.-working resist)

RN 355138-88-4 CAPLUS
CN 2-Propenoic acid, 2,3,3-trifluoro-, tetrahydro-2-oxo-3-furanyl ester,
polymer with 2-(trimethylsilyl)propyl 2,3,3-trifluoro-2-propenoate (9CI)
(CA INDEX NAME)

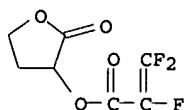
CM 1

CRN 355138-87-3
CMF C9 H15 F3 O2 Si



CM 2

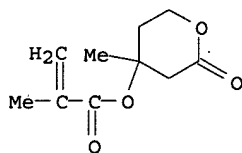
CRN 355138-83-9
CMF C7 H5 F3 O4



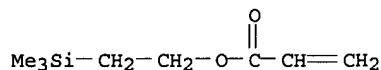
L6 ANSWER 2 OF 17 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 2
ACCESSION NUMBER: 2001:521143 CAPLUS
DOCUMENT NUMBER: 135:114437
TITLE: Positive-working photoresist composition for
production of electric parts such as semiconductor
substrate with contact holes
INVENTOR(S): Sato, Kenichiro; Mizutani, Kazuyoshi
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 43 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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JP 2001194789 A2 20010719 JP 2000-1896 20000107
 PRIORITY APPLN. INFO.: JP 2000-1896 20000107
 IT 344575-88-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (acid-sensitive resin in pos.-working photoresist compn.)
 RN 344575-88-8 CAPLUS
 CN 2-Propenoic acid, 2-methyl-, tetrahydro-4-methyl-2-oxo-2H-pyran-4-yl
 ester, polymer with 2-(trimethylsilyl)ethyl 2-propenoate (9CI) (CA INDEX
 NAME)
 CM 1
 CRN 177080-66-9
 CMF C10 H14 O4



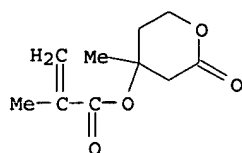
CM 2
 CRN 131494-24-1
 CMF C8 H16 O2 Si



L6 ANSWER 3 OF 17 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 3
 ACCESSION NUMBER: 2001:523649 CAPLUS
 DOCUMENT NUMBER: 135:114440
 TITLE: Positive-working chemically amplified photoresist
 composition
 INVENTOR(S): Sato, Kenichiro; Mizutani, Kazuyoshi
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 45 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

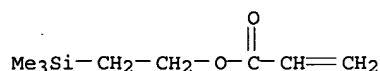
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001194788	A2	20010719	JP 2000-1895	20000107

PRIORITY APPLN. INFO.: JP 2000-1895 20000107
 IT 344575-88-8P
 RL: SPN (Synthetic preparation); TEM (Technical or engineered material
 use); PREP (Preparation); USES (Uses)
 (acid-sensitive resin in pos.-working chem. amplified photoresist
 compn.)
 RN 344575-88-8 CAPLUS
 CN 2-Propenoic acid, 2-methyl-, tetrahydro-4-methyl-2-oxo-2H-pyran-4-yl
 ester, polymer with 2-(trimethylsilyl)ethyl 2-propenoate (9CI) (CA INDEX
 NAME)
 CM 1
 CRN 177080-66-9
 CMF C10 H14 O4



CM 2

CRN 131494-24-1
CMF C8 H16 O2 Si



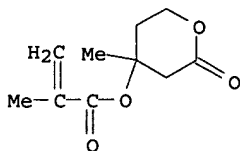
L6 ANSWER 4 OF 17 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 4
ACCESSION NUMBER: 2001:521142 CAPLUS
DOCUMENT NUMBER: 135:114436
TITLE: Positive-working photoresist composition for semiconductor device fabrication
INVENTOR(S): Sato, Kenichiro; Mizutani, Kazuyoshi
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 52 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001194787	A2	20010719	JP 2000-1894	20000107
PRIORITY APPLN. INFO.:			JP 2000-1894	20000107

IT 344575-88-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(acid-sensitive resin in pos.-working photoresist compn.)
RN 344575-88-8 CAPLUS
CN 2-Propenoic acid, 2-methyl-, tetrahydro-4-methyl-2-oxo-2H-pyran-4-yl ester, polymer with 2-(trimethylsilyl)ethyl 2-propenoate (9CI) (CA INDEX NAME)

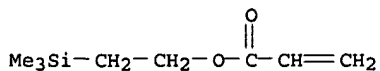
CM 1

CRN 177080-66-9
CMF C10 H14 O4



CM 2

CRN 131494-24-1
CMF C8 H16 O2 Si



L6 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 5
ACCESSION NUMBER: 2001:451204 CAPLUS
DOCUMENT NUMBER: 135:53506

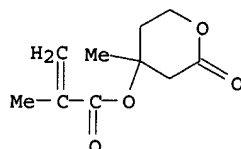
TITLE: Positive-working photoresist composition
 INVENTOR(S): Mizutani, Kazuyoshi; Sato, Kenichiro
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 30 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001166482	A2	20010622	JP 1999-350506	19991209
PRIORITY APPLN. INFO.: JP 1999-350506			19991209	

IT 344575-88-8P
 RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (pos.-working photoresist compn. contg. polymer with lactone structure)
 RN 344575-88-8 CAPLUS
 CN 2-Propenoic acid, 2-methyl-, tetrahydro-4-methyl-2-oxo-2H-pyran-4-yl ester, polymer with 2-(trimethylsilyl)ethyl 2-propenoate (9CI) (CA INDEX NAME)

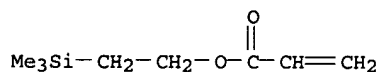
CM 1

CRN 177080-66-9
 CMF C10 H14 O4



CM 2

CRN 131494-24-1
 CMF C8 H16 O2 Si



L6 ANSWER 6 OF 17 USPTAFULL on STN
 ACCESSION NUMBER: 2001:102902 USPTAFULL
 TITLE: Curable composition for top coating and articles coated therewith
 INVENTOR(S): Inoue, Masaharu, Kobe, Japan
 Kono, Yoshiyuki, Akashi, Japan
 Nakamura, Seigo, Takasago, Japan
 Nanbu, Toshiro, Kobe, Japan
 PATENT ASSIGNEE(S): Kaneka Corporation, Osaka, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6255392	B1	20010703
	WO 9818873		19980507
APPLICATION INFO.:	US 1999-297385		19990430 (9)
	WO 1997-JP3942		19971029
			19990430 PCT 371 date
			19990430 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1996-290835	19961031
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Dawson, Robert	
ASSISTANT EXAMINER:	Robertson, Jeffrey B.	
LEGAL REPRESENTATIVE:	Leydig, Voit & Mayer, Ltd.	
NUMBER OF CLAIMS:	8	
EXEMPLARY CLAIM:	1	

LINE COUNT: 1403
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IT 206749-24-8P

(curable compns. for top coating and articles coated therewith with
 excellent acid and mar resistance, appearance and heat curing
 properties, useful for automobiles)

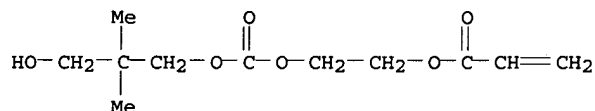
RN 206749-24-8 USPATFULL

CN 2-Propenoic acid, 2-methyl-, cyclohexyl ester, polymer with
 ethenylbenzene, 2-ethylhexyl 2-propenoate, 2-[[[(3-hydroxy-2,2-
 dimethylpropoxy)carbonyl]oxy]ethyl 2-propenoate, 2-hydroxyethyl
 2-methyl-2-propenoate and 3-(trimethylsilyl)propyl 2-methyl-2-propenoate
 (9CI) (CA INDEX NAME)

CM 1

CRN 182002-51-3

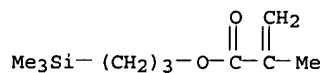
CMF C11 H18 O6



CM 2

CRN 16085-37-3

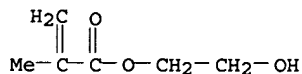
CMF C10 H20 O2 Si



CM 3

CRN 868-77-9

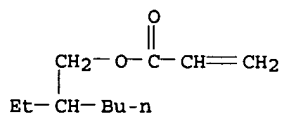
CMF C6 H10 O3



CM 4

CRN 103-11-7

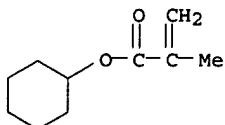
CMF C11 H20 O2



CM 5

CRN 101-43-9

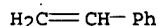
CMF C10 H16 O2



CM 6

CRN 100-42-5

CMF C8 H8



L6 ANSWER 7 OF 17 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 6

ACCESSION NUMBER: 1998:293575 CAPLUS

DOCUMENT NUMBER: 128:322943

TITLE: Curable compositions for top coating and articles coated therewith with excellent acid and mar resistance, appearance and heat curing properties, useful for automobiles

INVENTOR(S): Inoue, Masaharu; Kono, Yoshiyuki; Nakamura, Seigo; Nanbu, Toshiro

PATENT ASSIGNEE(S): Kaneka Corp., Japan; Inoue, Masaharu; Kono, Yoshiyuki; Nakamura, Seigo; Nanbu, Toshiro

SOURCE: PCT Int. Appl., 61 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9818873	A1	19980507	WO 1997-JP3942	19971029
W: US				
RW: BE, DE, FR, GB, IT				
JP 10183052	A2	19980707	JP 1997-295970	19971028
EP 936260	A1	19990818	EP 1997-909686	19971029
R: BE, DE, FR				
US 6255392	B1	20010703	US 1999-297385	19990430
PRIORITY APPLN. INFO.:			JP 1996-290835	A 19961031
			WO 1997-JP3942	W 19971029

IT 206749-24-8P

RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(curable compns. for top coating and articles coated therewith with excellent acid and mar resistance, appearance and heat curing properties, useful for automobiles)

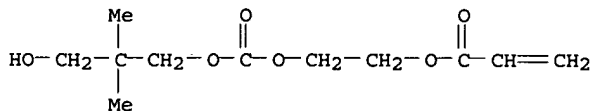
RN 206749-24-8 CAPLUS

CN 2-Propenoic acid, 2-methyl-, cyclohexyl ester, polymer with ethenylbenzene, 2-ethylhexyl 2-propenoate, 2-[[[3-hydroxy-2,2-dimethylpropoxy]carbonyl]oxy]ethyl 2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate and 3-(trimethylsilyl)propyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 182002-51-3

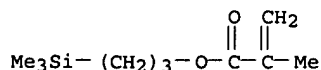
CMF C11 H18 O6



CM 2

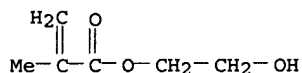
CRN 16085-37-3

CMF C10 H20 O2 Si



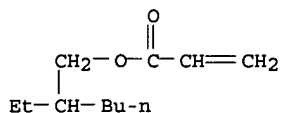
CM 3

CRN 868-77-9
CMF C6 H10 O3



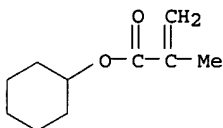
CM 4

CRN 103-11-7
CMF C11 H20 O2



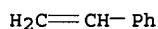
CM 5

CRN 101-43-9
CMF C10 H16 O2



CM 6

CRN 100-42-5
CMF C8 H8



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 8 OF 17 USPTATFULL on STN
ACCESSION NUMBER: 97:86398 USPTATFULL
TITLE: Electrophotographic material for color proofing
INVENTOR(S): Kato, Eiichi, Shizuoka, Japan
Osawa, Sadao, Shizuoka, Japan
PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Kanagawa, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5670283		19970923
APPLICATION INFO.:	US 1994-279068		19940722 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1992-952941, filed on 28 Sep 1992, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1991-249819	19910927
	JP 1991-259430	19911007
	JP 1991-289648	19911106
	JP 1991-289649	19911106

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Rodee, Christopher D.
LEGAL REPRESENTATIVE: Sughrue, Mion, Zinn, Macpeak & Seas, PLLC
NUMBER OF CLAIMS: 5
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 1 Drawing Page(s)

LINE COUNT: 4445
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
IT 150625-94-8P 150773-30-1P

(prepn. and use of, in electrophotog. plate, for reduced tack)

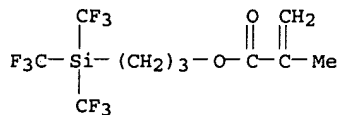
RN 150625-94-8 USPATFULL

CN 2-Propenoic acid, 2-methyl-, 2,2,3,3,4,4-hexafluorobutyl ester, polymer with methyl 2-methyl-2-propenoate, methyl 2-propenoate, oxiranylmethyl 2-methyl-2-propenoate, 2,2,3,3-tetrafluoropropyl 2-methyl-2-propenoate and 3-[tris(trifluoromethyl)silyl]propyl 2-methyl-2-propenoate, block, graft (9CI) (CA INDEX NAME)

CM 1

CRN 150625-93-7

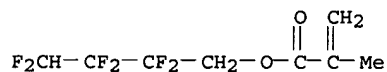
CMF C10 H11 F9 O2 Si



CM 2

CRN 45168-50-1

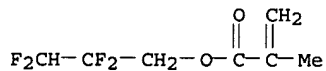
CMF C8 H8 F6 O2



CM 3

CRN 45102-52-1

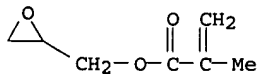
CMF C7 H8 F4 O2



CM 4

CRN 106-91-2

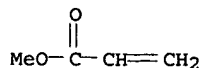
CMF C7 H10 O3



CM 5

CRN 96-33-3

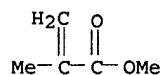
CMF C4 H6 O2



CM 6

CRN 80-62-6

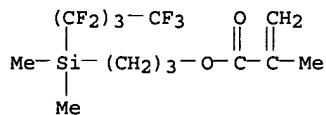
CMF C5 H8 O2



RN 150773-30-1 USPATFULL
 CN 2-Propenoic acid, 2-methyl-, 3-[dimethyl(nonafluorobutyl)silyl]propyl ester, polymer with methyl 2-methyl-2-propenoate polymer with oxiranylmethyl 2-methyl-2-propenoate 2-methyl-2-propenoate and oxydi-2,1-ethanediyl di-2-propenoate (9CI) (CA INDEX NAME)

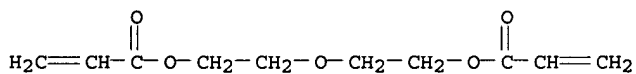
CM 1

CRN 150773-29-8
 CMF C13 H17 F9 O2 Si



CM 2

CRN 4074-88-8
 CMF C10 H14 O5

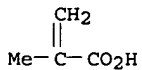


CM 3

CRN 79468-88-5
 CMF (C7 H10 O3 . C5 H8 O2)x . x C4 H6 O2
 CDES 8:GD,ESTER

CM 4

CRN 79-41-4
 CMF C4 H6 O2

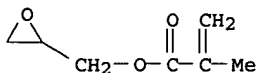


CM 5

CRN 26141-88-8
 CMF (C7 H10 O3 . C5 H8 O2)x
 CCI PMS

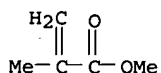
CM 6

CRN 106-91-2
 CMF C7 H10 O3



CM 7

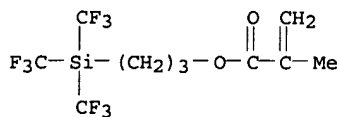
CRN 80-62-6
 CMF C5 H8 O2



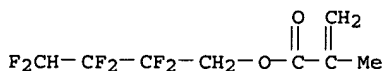
L6 ANSWER 9 OF 17 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 7
 ACCESSION NUMBER: 1993:637954 CAPLUS
 DOCUMENT NUMBER: 119:237954
 TITLE: Electrophotographic material for color proofing
 INVENTOR(S): Kato, Eiichi; Osawa, Sadao
 PATENT ASSIGNEE(S): Fuji Photo Film Co., Ltd., Japan
 SOURCE: Eur. Pat. Appl., 165 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 534479	A1	19930331	EP 1992-116494	19920925
EP 534479	B1	19981209		
R: DE, GB				
JP 05197169	A2	19930806	JP 1992-310754	19920928
US 5670283	A	19970923	US 1994-279068	19940722
PRIORITY APPLN. INFO.:			JP 1991-249819	19910927
			JP 1991-259430	19911007
			JP 1991-289648	19911106
			JP 1991-289649	19911106
			US 1992-952941	19920928

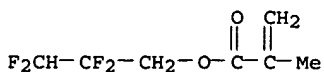
IT 150625-94-8P 150773-30-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and use of, in electrophotog. plate, for reduced tack)
 RN 150625-94-8 CAPLUS
 CN 2-Propenoic acid, 2-methyl-, 2,2,3,3,4,4-hexafluorobutyl ester, polymer
 with methyl 2-methyl-2-propenoate, methyl 2-propenoate, oxiranylmethyl
 2-methyl-2-propenoate, 2,2,3,3-tetrafluoropropyl 2-methyl-2-propenoate and
 3-[tris(trifluoromethyl)silyl]propyl 2-methyl-2-propenoate, block, graft
 (9CI) (CA INDEX NAME)
 CM 1
 CRN 150625-93-7
 CMF C10 H11 F9 O2 Si



CM 2
 CRN 45168-50-1
 CMF C8 H8 F6 O2

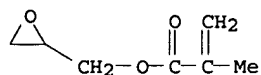


CM 3
 CRN 45102-52-1
 CMF C7 H8 F4 O2



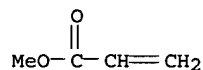
CM 4

CRN 106-91-2
CMF C7 H10 O3



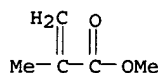
CM 5

CRN 96-33-3
CMF C4 H6 O2



CM 6

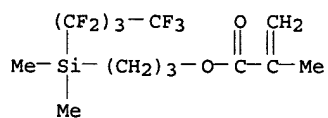
CRN 80-62-6
CMF C5 H8 O2



RN 150773-30-1 CAPLUS
CN 2-Propenoic acid, 2-methyl-, 3-[dimethyl(nonafluorobutyl)silyl]propyl ester, polymer with methyl 2-methyl-2-propenoate polymer with oxiranylmethyl 2-methyl-2-propenoate 2-methyl-2-propenoate and oxydi-2,1-ethanediyl di-2-propenoate (9CI) (CA INDEX NAME)

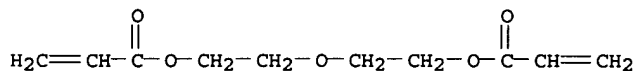
CM 1

CRN 150773-29-8
CMF C13 H17 F9 O2 Si



CM 2

CRN 4074-88-8
CMF C10 H14 O5

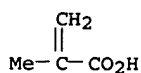


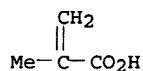
CM 3

CRN 79468-88-5
CMF (C7 H10 O3 . C5 H8 O2)x . x C4 H6 O2

CM 4

CRN 79-41-4
CMF C4 H6 O2



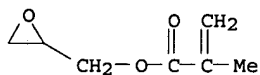


CM 5

CRN 26141-88-8
CMF (C7 H10 O3 . C5 H8 O2)x
CCI PMS

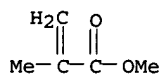
CM 6

CRN 106-91-2
CMF C7 H10 O3



CM 7

CRN 80-62-6
CMF C5 H8 O2



L6 ANSWER 10 OF 17 USPATFULL on STN

ACCESSION NUMBER: 91:106413 USPATFULL

TITLE: Vinylidene fluoride copolymer and process for producing the same

INVENTOR(S): Watanabe, Junichi, Ageo, Japan
Yamamoto, Yasushi, Takasaki, Japan

PATENT ASSIGNEE(S): Shin-Etsu Chemical Co., Ltd., Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5077362		19911231
APPLICATION INFO.:	US 1990-499975		19900327 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1989-76348	19890328
	JP 1989-76349	19890328

DOCUMENT TYPE: Utility

FILE SEGMENT: Granted

PRIMARY EXAMINER: Schofer, Joseph L.

ASSISTANT EXAMINER: Sarofim, N.

LEGAL REPRESENTATIVE: Oblon, Spivak, McClelland, Maier & Neustadt

NUMBER OF CLAIMS: 11

EXEMPLARY CLAIM: 1

LINE COUNT: 365

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 131272-45-2P

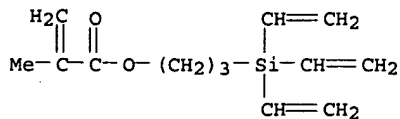
(films and coatings, weather- and chem. resistant, prepn. of)

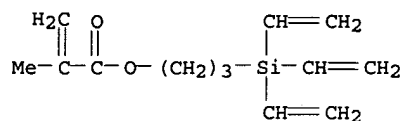
RN 131272-45-2 USPATFULL

CN 2-Propenoic acid, 2-methyl-, 3-(triethenylsilyl)propyl ester, polymer with 1,1-difluoroethene (9CI) (CA INDEX NAME)

CM 1

CRN 131272-44-1
CMF C13 H20 O2 Si





CM 2

CRN 75-38-7
CMF C2 H2 F2



L6 ANSWER 11 OF 17 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 8

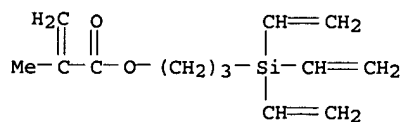
ACCESSION NUMBER: 1991:24806 CAPLUS
DOCUMENT NUMBER: 114:24806
TITLE: Vinylidene fluoride-unsaturated silane copolymer manufacture
INVENTOR(S): Watanabe, Junichi; Yamamoto, Yasushi
PATENT ASSIGNEE(S): Shin-Etsu Chemical Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 8 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 390078	A1	19901003	EP 1990-105825	19900327
EP 390078	B1	19930623		
R: DE, FR, GB				
JP 02252713	A2	19901011	JP 1989-76348	19890328
JP 08005937	B4	19960124		
JP 02252714	A2	19901011	JP 1989-76349	19890328
US 5077362	A	19911231	US 1990-499975	19900327
PRIORITY APPLN. INFO.:			JP 1989-76348	19890328
			JP 1989-76349	19890328

IT 131272-45-2P
RL: PREP (Preparation)
(films and coatings, weather- and chem. resistant, prepn. of)
RN 131272-45-2 CAPLUS
CN 2-Propenoic acid, 2-methyl-, 3-(triethenylsilyl)propyl ester, polymer with 1,1-difluoroethene (9CI) (CA INDEX NAME)

CM 1

CRN 131272-44-1
CMF C13 H20 O2 Si



CM 2

CRN 75-38-7
CMF C2 H2 F2



L6 ANSWER 12 OF 17 USPATFULL on STN
ACCESSION NUMBER: 89:99030 USPATFULL

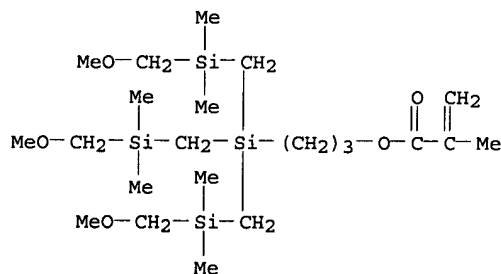
TITLE: Silymethylene methacrylate contact lens and polymer
INVENTOR(S): Foley, Jr., William M., Glendale, CA, United States
PATENT ASSIGNEE(S): John D. McCarry, Santa Ana, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE

PATENT INFORMATION:	US 4886864		19891212
APPLICATION INFO.:	US 1988-246419		19880919 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1985-61477, filed on 1 Jun 1985, now patented, Pat. No. US 4780516 Continuation-in-part of Ser. No. US 1985-742122, filed on 5 Jun 1985, now abandoned Continuation-in-part of Ser. No. US 1984-641594, filed on 17 Aug 1984, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Schofer, Joseph L.		
ASSISTANT EXAMINER:	Walker, Alex H.		
LEGAL REPRESENTATIVE:	Hubbard, Grant L.		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
LINE COUNT:	366		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
IT	104764-11-6 (contact lens prepn. from)		
RN	104764-11-6 USPATFULL		
CN	2-Propenoic acid, 2-methyl-, 3-[tris[[methoxymethyl]dimethylsilyl]methyl]silyl]propyl ester, homopolymer (9CI) (CA INDEX NAME)		

CM 1

CRN 104764-10-5
CMF C22 H50 O5 Si4



L6 ANSWER 13 OF 17 USPATFULL on STN
ACCESSION NUMBER: 89:30178 USPATFULL
TITLE: Gas permeable contact lens and method and materials for its manufacture
INVENTOR(S): Chen, Richard Y. S., Raleigh, NC, United States
PATENT ASSIGNEE(S): Ocular Technologies, Inc., Raleigh, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE

PATENT INFORMATION:	US 4822864		19890418
APPLICATION INFO.:	US 1988-241190		19880907 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1987-63312, filed on 18 Jun 1987		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Foelak, Morton		
LEGAL REPRESENTATIVE:	Eslinger, Lewis H.		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	344		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
IT	123538-02-3 (oxygen permeable hard contact lenses contg.)		
RN	123538-02-3 USPATFULL		
CN	2-Propenoic acid, 2-methyl-, polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate), [2-[3(or 4)-ethenylphenyl]ethyl]trimethoxysilane, 2-hydroxypropyl 2-methyl-2-propenoate, methyl 2-methyl-2-		

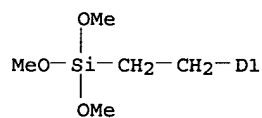
propenoate, trimethylsilyl 2-methyl-2-propenoate and
3-(trimethylsilyl)propyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 119181-19-0
CMF C13 H20 O3 Si
CCI IDS
CDES *

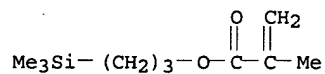


D1-CH=CH₂



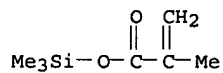
CM 2

CRN 16085-37-3
CMF C10 H20 O2 Si



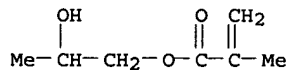
CM 3

CRN 13688-56-7
CMF C7 H14 O2 Si



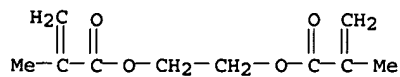
CM 4

CRN 923-26-2
CMF C7 H12 O3



CM 5

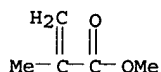
CRN 97-90-5
CMF C10 H14 O4



CM 6

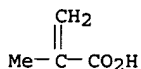
CRN 80-62-6

CMF C5 H8 O2



CM 7

CRN 79-41-4
CMF C4 H6 O2



L6 ANSWER 14 OF 17 USPATFULL on STN
ACCESSION NUMBER: 89:27949 USPATFULL
TITLE: Gas permeable contact lens and method and materials for
its manufacture
INVENTOR(S): Chen, Richard Y. S., Raleigh, NC, United States
PATENT ASSIGNEE(S): Ocular Technologies, Inc., Raleigh, NC, United States
(U.S. corporation)

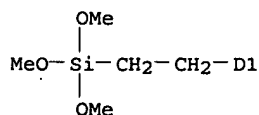
	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4820747		19890411
APPLICATION INFO.:	US 1988-241191		19880907 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1987-63312, filed on 18 Jun 1987		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Foelak, Morton		
LEGAL REPRESENTATIVE:	Eslinger, Lewis H.		
NUMBER OF CLAIMS:	9		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	360		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			
IT 123538-02-3			
(oxygen permeable hard contact lenses contg.)			
RN	123538-02-3 USPATFULL		
CN	2-Propenoic acid, 2-methyl-, polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate), [2-[3(or 4)-ethenylphenyl]ethyl]trimethoxysi lane, 2-hydroxypropyl 2-methyl-2-propenoate, methyl 2-methyl-2- propenoate, trimethylsilyl 2-methyl-2-propenoate and 3-(trimethylsilyl)propyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)		

CM 1

CRN 119181-19-0
CMF C13 H20 O3 Si
CCI IDS
CDES *

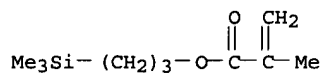


D1-CH=CH2



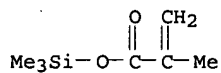
CM 2

CRN 16085-37-3
CMF C10 H20 O2 Si



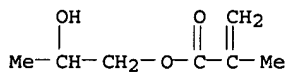
CM 3

CRN 13688-56-7
CMF C7 H14 O2 Si



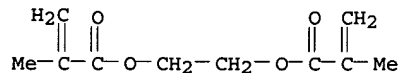
CM 4

CRN 923-26-2
CMF C7 H12 O3



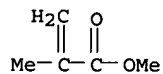
CM 5

CRN 97-90-5
CMF C10 H14 O4



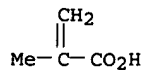
CM 6

CRN 80-62-6
CMF C5 H8 O2



CM 7

CRN 79-41-4
CMF C4 H6 O2



L6 ANSWER 15 OF 17 USPATFULL on STN
ACCESSION NUMBER: 89:19319 USPATFULL
TITLE: Gas permeable contact lens and method and materials for its manufacture
INVENTOR(S): Chen, Richard Y. S., Raleigh, NC, United States
PATENT ASSIGNEE(S): Ocular Technologies, Inc., Raleigh, NC, United States (U.S. corporation)

NUMBER KIND DATE

PATENT INFORMATION: US 4812598 19890314
 APPLICATION INFO.: US 1987-63312 19870618 (7)
 DOCUMENT TYPE: Utility
 FILE SEGMENT: Granted
 PRIMARY EXAMINER: Foelak, Morton
 LEGAL REPRESENTATIVE: Eslinger, Lewis H.
 NUMBER OF CLAIMS: 5
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 4 Drawing Figure(s); 1 Drawing Page(s)
 LINE COUNT: 346

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 123538-02-3

(oxygen permeable hard contact lenses contg.)

RN 123538-02-3 USPATFULL

CN 2-Propenoic acid, 2-methyl-, polymer with 1,2-ethanediyl
 bis(2-methyl-2-propenoate), [2-[3(or 4)-ethenylphenyl]ethyl]trimethoxysi
 lane, 2-hydroxypropyl 2-methyl-2-propenoate, methyl 2-methyl-2-
 propenoate, trimethylsilyl 2-methyl-2-propenoate and
 3-(trimethylsilyl)propyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

CM 1

CRN 119181-19-0

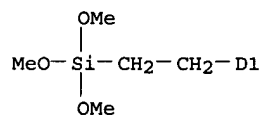
CMF C13 H20 O3 Si

CCI IDS

CDES *



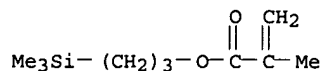
D1-CH=CH₂



CM 2

CRN 16085-37-3

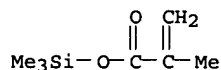
CMF C10 H20 O2 Si



CM 3

CRN 13688-56-7

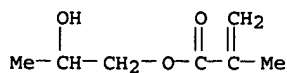
CMF C7 H14 O2 Si

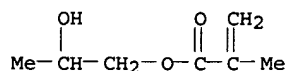


CM 4

CRN 923-26-2

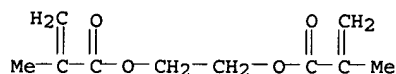
CMF C7 H12 O3





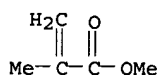
CM 5

CRN 97-90-5
CMF C10 H14 O4



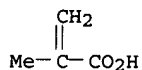
CM 6

CRN 80-62-6
CMF C5 H8 O2



CM 7

CRN 79-41-4
CMF C4 H6 O2



L6 ANSWER 16 OF 17 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 9

ACCESSION NUMBER: 1989:601674 CAPLUS

DOCUMENT NUMBER: 111:201674

TITLE: Crosslinked siloxane-acrylate copolymers, a method for their manufacture, and hard oxygen-permeable contact lenses containing them

INVENTOR(S): Chen, Richard Y. S.

PATENT ASSIGNEE(S): Ocular Technologies, Inc., USA

SOURCE: Eur. Pat. Appl., 18 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 295947	A2	19881221	EP 1988-305563	19880617
EP 295947	A3	19891213		
EP 295947	B1	19941221		
R: AT, CH, DE, ES, FR, GB, IT, LI, SE				
US 4812598	A	19890314	US 1987-63312	19870618
BR 8802917	A	19890103	BR 1988-2917	19880615
AU 8818125	A1	19890119	AU 1988-18125	19880617
JP 01099021	A2	19890417	JP 1988-149906	19880617
ES 2068200	T3	19950416	ES 1988-305563	19880617
US 4820747	A	19890411	US 1988-241191	19880907
US 4822864	A	19890418	US 1988-241190	19880907

PRIORITY APPLN. INFO.: US 1987-63312 19870618

IT 123538-02-3

RL: BIOL (Biological study)

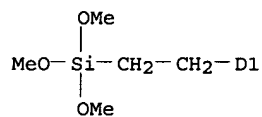
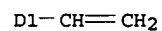
(oxygen permeable hard contact lenses contg.)

RN 123538-02-3 CAPLUS

CN 2-Propenoic acid, 2-methyl-, polymer with 1,2-ethanediyl bis(2-methyl-2-propenoate), [2-[3(or 4)-ethenylphenyl]ethyl]trimethoxysilane, 2-hydroxypropyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate, trimethylsilyl 2-methyl-2-propenoate and 3-(trimethylsilyl)propyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

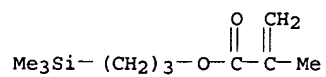
CM 1

CRN 119181-19-0
CMF C13 H20 O3 Si
CCI IDS



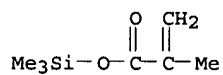
CM 2

CRN 16085-37-3
CMF C10 H20 O2 Si



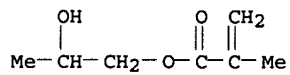
CM 3

CRN 13688-56-7
CMF C7 H14 O2 Si



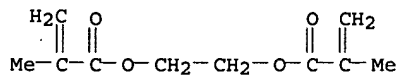
CM 4

CRN 923-26-2
CMF C7 H12 O3



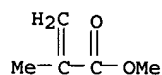
CM 5

CRN 97-90-5
CMF C10 H14 O4



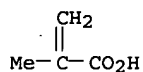
CM 6

CRN 80-62-6
CMF C5 H8 O2



CM 7

CRN 79-41-4
CMF C4 H6 O2



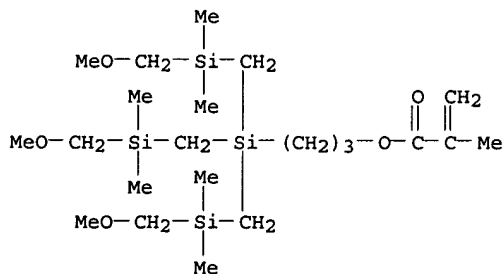
L6 ANSWER 17 OF 17 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 10
ACCESSION NUMBER: 1986:578487 CAPLUS
DOCUMENT NUMBER: 105:178487
TITLE: Contact lenses comprising alkylsilane polymers
INVENTOR(S): Foley, William M.
PATENT ASSIGNEE(S): McCarry, John D., USA
SOURCE: PCT Int. Appl., 51 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8601219	A1	19860227	WO 1985-US1522	19850808
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
EP 194277	A1	19860917	EP 1985-904314	19850808
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
CA 1258343	A1	19890808	CA 1985-488838	19850816
PRIORITY APPLN. INFO.:				
			US 1984-641594	19840817
			US 1985-742122	19850605

IT 104764-11-6
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(contact lens prepn. from)
RN 104764-11-6 CAPLUS
CN 2-Propenoic acid, 2-methyl-, 3-[tris[[methoxymethyl]dimethylsilyl]methyl]
silyl]propyl ester, homopolymer (9CI) (CA INDEX NAME)

CM 1

CRN 104764-10-5
CMF C22 H50 O5 Si4



=>

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\Program Files\Stnexp\Queries\09963465-a.str

L1 STRUCTURE UPLOADED

=> que L1

L2 QUE L1

=> d l2

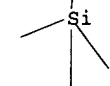
L2 HAS NO ANSWERS

L1 STR

G1 Cb

G2 G2

G2 G2



G1 H,Cb,Ak

G2 H,Ak

Structure attributes must be viewed using STN Express query preparation.

L2 QUE ABB=ON PLU=ON L1

=> s l2 sss sam

SAMPLE SEARCH INITIATED 18:46:04 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 6857 TO ITERATE

14.6% PROCESSED 1000 ITERATIONS

5 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 132178 TO 142102

PROJECTED ANSWERS: 334 TO 1036

L3 5 SEA SSS SAM L1

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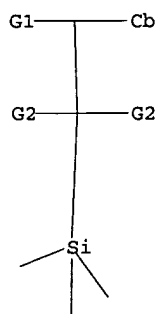
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L4 STRUCTURE UPLOADED

=> que L4

L5 QUE L4

=> d
 L5 HAS NO ANSWERS
 L4 STR



G1 H,Cb,Ak
 G2 H,Ak

Structure attributes must be viewed using STN Express query preparation.
 L5 QUE ABB=ON PLU=ON L4

=> s 15 sss sam
 SAMPLE SEARCH INITIATED 18:46:29 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 16356 TO ITERATE

6.1% PROCESSED 1000 ITERATIONS 7 ANSWERS
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 319469 TO 334771
 PROJECTED ANSWERS: 1648 TO 2930

L6 7 SEA SSS SAM L4

=> FIL CAPLUS HCAPLUS USPATFUL		
COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.80	1.01

FILE 'CAPLUS' ENTERED AT 18:46:41 ON 01 OCT 2003
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'HCAPLUS' ENTERED AT 18:46:41 ON 01 OCT 2003
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATFULL' ENTERED AT 18:46:41 ON 01 OCT 2003
 CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 13
 L7 10 L3

=> s 16
 L8 15 L6

=> s 17 or 18
 L9 25 L7 OR L8

=> duplicates remove
 ENTER L# LIST OR (END):19
 DUPLICATE PREFERENCE IS 'CAPLUS, HCAPLUS, USPATFULL'
 KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
 PROCESSING COMPLETED FOR L9
 L10 13 DUPLICATE REMOVE L9 (12 DUPLICATES REMOVED)

=> s 110 and (resist or photoresist)
 L11 0 L10 AND (RESIST OR PHOTORESIST)

=> d his

(FILE 'HOME' ENTERED AT 18:45:36 ON 01 OCT 2003)

FILE 'REGISTRY' ENTERED AT 18:45:42 ON 01 OCT 2003

L1 STRUCTURE UPLOADED
L2 QUE L1
L3 5 S L2 SSS SAM
L4 STRUCTURE UPLOADED
L5 QUE L4
L6 7 S L5 SSS SAM

FILE 'CAPLUS, HCAPLUS, USPATFULL' ENTERED AT 18:46:41 ON 01 OCT 2003

L7 10 S L3
L8 15 S L6
L9 25 S L7 OR L8
L10 13 DUPLICATE REMOVE L9 (12 DUPLICATES REMOVED)
L11 0 S L10 AND (RESIST OR PHOTORESIST)

=> d l10 1-13 ibib hitstr

L10 ANSWER 1 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 1

ACCESSION NUMBER: 2003:259738 CAPLUS

DOCUMENT NUMBER: 138:275941

TITLE: Oxidative hair dye composition containing silyl substituted p-aminophenol or p-phenylenediamine derivatives

INVENTOR(S): Richard, Herve

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: Eur. Pat. Appl., 18 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1298135	A1	20030402	EP 2002-292148	20020830
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
FR 2830188	A1	20030404	FR 2001-12523	20010928
CN 1410048	A	20030416	CN 2002-143902	20020927
JP 2003128526	A2	20030508	JP 2002-284272	20020927
US 2003150066	A1	20030814	US 2002-259298	20020930

PRIORITY APPLN. INFO.: FR 2001-12523 A 20010928

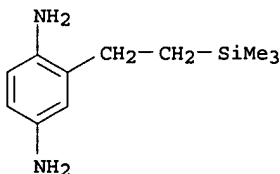
OTHER SOURCE(S): MARPAT 138:275941

IT 503534-45-0P

RL: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(oxidative hair dye compn. contg. silyl substituted aminophenol or phenylenediamine derivs.)

RN 503534-45-0 CAPLUS

CN 1,4-Benzenediamine, 2-[2-(trimethylsilyl)ethyl]-, dihydrochloride (9CI)
(CA INDEX NAME)



●2 HCl

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 2 OF 13 USPATFULL on STN

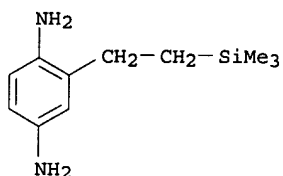
ACCESSION NUMBER: 2003:216794 USPATFULL

TITLE: Dyeing composition containing a para-aminophenol or para-phenylenediamine compound substituted with a silane radical

INVENTOR(S): Richard, Herve, Villepinte, FRANCE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003150066	A1	20030814
APPLICATION INFO.:	US 2002-259298	A1	20020930 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 2001-12523	20010928
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Thomas L. Irving, FINNEGAN, HENDERSON, FARABOW,, GARRETT & DUNNER, L.L.P., 1300 I Street, N.W., Washington, DC, 20005-3315	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1016	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
IT 503534-45-0P (oxidative hair dye compn. contg. silyl substituted aminophenol or phenylenediamine derivs.)		
RN	503534-45-0 USPATFULL	
CN	1,4-Benzenediamine, 2-[2-(trimethylsilyl)ethyl]-, dihydrochloride (9CI) (CA INDEX NAME)	



● 2 HCl

L10 ANSWER 3 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 2

ACCESSION NUMBER: 2002:863862 CAPLUS

DOCUMENT NUMBER: 139:53056

TITLE: Product subclass 39: benzylsilanes

AUTHOR(S): Bennetau, B.

CORPORATE SOURCE: Lab. de Chimie Organique et Organometallique, Talence,
F-33405, Fr.

SOURCE: Science of Synthesis (2002), 4, 825-836
CODEN: SSCYJ9

PUBLISHER: Georg Thieme Verlag

DOCUMENT TYPE: Journal; General Review

LANGUAGE: English

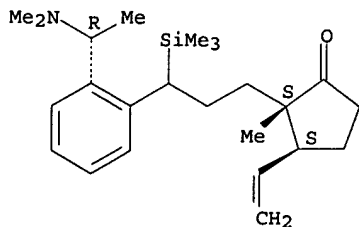
IT 548487-46-3

RL: RCT (Reactant); RACT (Reactant or reagent)
(benzylsilanes in org. synthesis: benzylation of electrophiles and
cycloaddn. with benzylsilanes)

RN 548487-46-3 CAPLUS

CN Cyclopentanone, 2-[3-[2-[(1R)-1-(dimethylamino)ethyl]phenyl]-3-
(trimethylsilyl)propyl]-3-ethenyl-2-methyl-, (2S,3S)-rel- (9CI) (CA INDEX
NAME)

Relative stereochemistry.



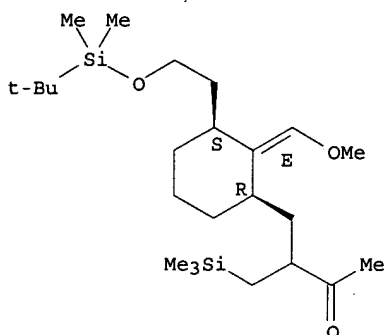
REFERENCE COUNT: 73 THERE ARE 73 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 4 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 3

ACCESSION NUMBER: 1998:119598 CAPLUS
 DOCUMENT NUMBER: 128:225672
 TITLE: Design, Synthesis, Derivatization, and
 Structure-Activity Relationships of Simplified,
 Tricyclic, 1,2,4-Trioxane Alcohol Analogs of the
 Antimalarial Artemisinin
 AUTHOR(S): Cumming, Jared N.; Wang, Dasong; Park, Sheldon B.;
 Shapiro, Theresa A.; Posner, Gary H.
 CORPORATE SOURCE: Department of Chemistry School of Arts and Sciences,
 Johns Hopkins University, Baltimore, MD, 21218, USA
 SOURCE: Journal of Medicinal Chemistry (1998), 41(6), 952-964
 CODEN: JMCMAR; ISSN: 0022-2623
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English

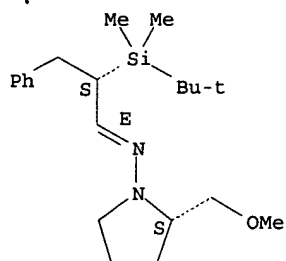
IT 204507-21-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (design, synthesis, derivatization, and structure-activity
 relationships of simplified, tricyclic, 1,2,4-trioxane alc. analogs of
 the antimalarial artemisinin)
 RN 204507-21-1 CAPLUS
 CN 2-Butanone, 3-[[3-[2-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]ethyl]-2-
 (methoxymethylene)cyclohexyl]methyl]-4-(trimethylsilyl)-,
 (1.alpha.,2E,3.alpha.)-[partial]- (9CI) (CA INDEX NAME)

Relative stereochemistry.
 Double bond geometry as shown.



L10 ANSWER 5 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 4
 ACCESSION NUMBER: 1997:634061 CAPLUS
 DOCUMENT NUMBER: 127:293288
 TITLE: Diastereo- and enantioselective synthesis of protected
 vicinal silylamines via 1,2-addition to
 .alpha.-silyl-hydrazones
 AUTHOR(S): Enders, Dieter; Lervierend, Catherine
 CORPORATE SOURCE: Institut Organische Chemie, Rheinisch-Westfälische
 Technische Hochschule, Aachen, D-52074, Germany
 SOURCE: Tetrahedron: Asymmetry (1997), 8(16), 2787-2792
 CODEN: TASYE3; ISSN: 0957-4166
 PUBLISHER: Elsevier
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 127:293288
 IT 196931-90-5
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (diastereo- and enantioselective synthesis of protected vicinal
 silylamines via addn. to silylaldehyde-SAMP-hydrazones)
 RN 196931-90-5 CAPLUS
 CN 1-Pyrrolidinamine, N-[2-[(1,1-dimethylethyl)dimethylsilyl]-3-
 phenylpropylidene]-2-(methoxymethyl)-, [S-[R*,R*-(E)]]- (9CI) (CA INDEX
 NAME)

Absolute stereochemistry.
 Double bond geometry as shown.



L10 ANSWER 6 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 5

ACCESSION NUMBER: 1997:392506 CAPLUS

DOCUMENT NUMBER: 127:121775

TITLE: A chiral (alkoxy)methyl-substituted silicon group as an auxiliary for the stereoselective cuprate addition to .alpha.,.beta.-unsaturated ketones: synthesis of (-)-(R)-phenyl 2-phenylpropyl ketone

AUTHOR(S): Bratovanov, Svetoslav; Bienz, Stefan

CORPORATE SOURCE: Organisch-chemisches Institut, Universitat Zurich, Zurich, CH-8057, Switz.

SOURCE: Tetrahedron: Asymmetry (1997), 8(10), 1587-1603
CODEN: TASYE3; ISSN: 0957-4166

PUBLISHER: Elsevier

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 127:121775

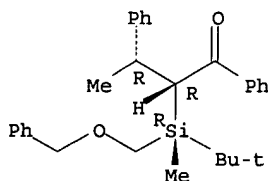
IT 192752-09-3P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)

RN 192752-09-3 CAPLUS

CN 1-Butanone, 2-[(1,1-dimethylethyl)methyl[(phenylmethoxy)methyl]silyl]-1,3-diphenyl-, [2R*(R*),3R*]- (9CI) (CA INDEX NAME)

Relative stereochemistry.



L10 ANSWER 7 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 6

ACCESSION NUMBER: 1995:819663 CAPLUS

DOCUMENT NUMBER: 124:56024

TITLE: Electrophilic additions to styrylsilanes: the effect of changing the ligands on silicon

AUTHOR(S): Brook, Michael A.; Henry, Courtney; Jefferson, Elizabeth; Juschke, Ralf; Sebastian, Thomas; Tomaszewski, Mirek; Wenzel, Stefan

CORPORATE SOURCE: Dep. chem., McMaster Univ., Hamilton, ON, L8S 4M1, Can.

SOURCE: Bulletin de la Societe Chimique de France (1995), 132(5-6), 559-68
CODEN: BSCFAS; ISSN: 0037-8968

PUBLISHER: Elsevier

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 124:56024

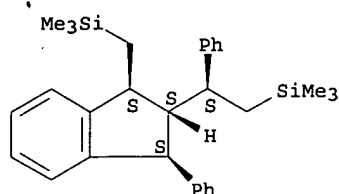
IT 171598-44-0P

RL: SPN (Synthetic preparation); PREP (Preparation)
(crystal structure)

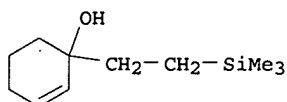
RN 171598-44-0 CAPLUS

CN Silane, [[2,3-dihydro-3-phenyl-2-[1-phenyl-2-(trimethylsilyl)ethyl]-1H-inden-1-yl]methyl]trimethyl-, [1.alpha.,2.beta.(R*),3.alpha.]- (9CI) (CA INDEX NAME)

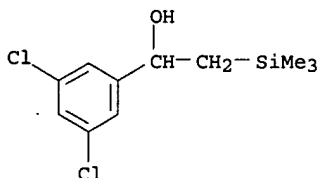
Relative stereochemistry.



L10 ANSWER 8 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 7
 ACCESSION NUMBER: 1994:30802 CAPLUS
 DOCUMENT NUMBER: 120:30802
 TITLE: Homolytic addition of cyclohexanol to trialkylvinylsilanes
 AUTHOR(S): Savos'kina, I. V.; Plugar, V. N.; Rashkes, Ya. V.; Galust'yan, G. G.; Terent'ev, A. B.
 CORPORATE SOURCE: Inst. Khim. Rastit., Tashkent, Uzbekistan
 SOURCE: Uzbekskii Khimicheskii Zhurnal (1992), (5-6), 45-9
 CODEN: UZKZAC; ISSN: 0042-1707
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 OTHER SOURCE(S): CASREACT 120:30802
 IT 151885-68-6P
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (prepn. and mass spectrum of)
 RN 151885-68-6 CAPLUS
 CN 2-Cyclohexen-1-ol, 1-[2-(trimethylsilyl)ethyl]- (9CI) (CA INDEX NAME)

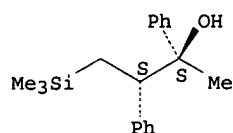


L10 ANSWER 9 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 8
 ACCESSION NUMBER: 1991:559244 CAPLUS
 DOCUMENT NUMBER: 115:159244
 TITLE: Silicon effects. II. Structure and stability of 1-phenyl-2-(trimethylsilyl)ethyl cation in solution
 AUTHOR(S): Shimizu, Nobujiro; Watanabe, Shinichiro; Tsuno, Yuho
 CORPORATE SOURCE: Fac. Sci., Kyushu Univ., Fukuoka, 812, Japan
 SOURCE: Bulletin of the Chemical Society of Japan (1991), 64(7), 2249-54
 CODEN: BCSJA8; ISSN: 0009-2673
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 136272-29-2P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (prepn. and reaction of, with trifluoroacetic anhydride)
 RN 136272-29-2 CAPLUS
 CN Benzenemethanol, 3,5-dichloro-.alpha.-[(trimethylsilyl)methyl]- (9CI) (CA INDEX NAME)

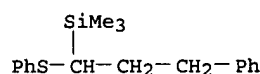


L10 ANSWER 10 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 9
 ACCESSION NUMBER: 1989:594181 CAPLUS
 DOCUMENT NUMBER: 111:194181
 TITLE: Carbonium ion rearrangements controlled by the presence of a silyl group
 AUTHOR(S): Fleming, Ian; Patel, Shailesh K.; Urch, Christopher J.
 CORPORATE SOURCE: Univ. Chem. Lab., Cambridge, CB2 1EW, UK
 SOURCE: Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999)

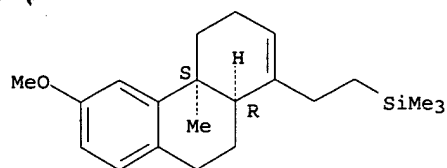
(1989), (1), 115-24
 CODEN: JCPRB4; ISSN: 0300-922X
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 111:194181
 IT 123315-07-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and boron trifluoride acetic acid complex mediated
 rearrangement of, alkene by)
 RN 123315-07-1 CAPLUS
 CN Benzeneethanol, .alpha.-methyl-.alpha.-phenyl-.beta.-
 [(trimethylsilyl)methyl]-, (R*,R*)- (9CI) (CA INDEX NAME)
 Relative stereochemistry.



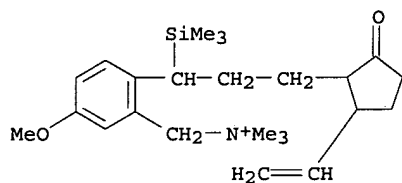
L10 ANSWER 11 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 10
 ACCESSION NUMBER: 1984:407242 CAPLUS
 DOCUMENT NUMBER: 101:7242
 TITLE: Preparation of alkylvinylsilanes via
 1-(phenylchalcogeno)-1-(trimethylsilyl)alkanes
 Ogura, Fumio; Otsubo, Tetsuo; Ohira, Noriyuki;
 Yamaguchi, Hachiro
 CORPORATE SOURCE: Fac. Eng., Hiroshima Univ., Higashi-Hiroshima, 724,
 Japan
 SOURCE: Synthesis (1983), (12), 1006-8
 CODEN: SYNTBF; ISSN: 0039-7881
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 101:7242
 IT 90304-49-7P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (prepn. and reaction of, with chloramine-T, vinylsilanes from)
 RN 90304-49-7 CAPLUS
 CN Silane, trimethyl[3-phenyl-1-(phenylthio)propyl]- (9CI) (CA INDEX NAME)



L10 ANSWER 12 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 11
 ACCESSION NUMBER: 1983:453827 CAPLUS
 DOCUMENT NUMBER: 99:53827
 TITLE: Intramolecular Diels-Alder reactions of
 silicon-substituted dienes. Synthesis with
 homoallylsilanes
 AUTHOR(S): Wilson, Stephen R.; Shedrinsky, Alexander; Haque, M.
 Serajul
 CORPORATE SOURCE: Dep. Chem., New York Univ., New York, NY, 10003, USA
 SOURCE: Tetrahedron (1983), 39(6), 895-903
 CODEN: TETRAB; ISSN: 0040-4020
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 86487-04-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (prepn. and desilylation of)
 RN 86487-04-9 CAPLUS
 CN Silane, [2-(3,4,4a,9,10,10a-hexahydro-6-methoxy-4a-methyl-1-
 phenanthrenyl)ethyl]trimethyl-, cis- (9CI) (CA INDEX NAME)
 Relative stereochemistry.



L10 ANSWER 13 OF 13 CAPLUS COPYRIGHT 2003 ACS on STN DUPLICATE 12
 ACCESSION NUMBER: 1983:125571 CAPLUS
 DOCUMENT NUMBER: 98:125571
 TITLE: Syntheses of polycyclic ring systems based on the new generation of o-quinodimethanes
 AUTHOR(S): Ito, Yoshihiko; Nakatsuka, Masashi; Saegusa, Takeo
 CORPORATE SOURCE: Fac. Eng., Kyoto Univ., Kyoto, 606, Japan
 SOURCE: Journal of the American Chemical Society (1982), 104(26), 7609-22
 CODEN: JACSAT; ISSN: 0002-7863
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 98:125571
 IT 83781-88-8P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (prepn. and cyclization of)
 RN 83781-88-8 CAPLUS
 CN Benzenemethanaminium, 2-[3-(2-ethenyl-5-oxocyclopentyl)-1-(trimethylsilyl)propyl]-5-methoxy-N,N,N-trimethyl-, iodide (9CI) (CA INDEX NAME)



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